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POLIOMYELITIS SURVEILLANCE
REPORT NO. 37 AUGUST 12, 1955
AND ATTACHMENT

Department of Health, Education, and Welfare
Public Health Service — Communicable Disease Center

Poliomyelitis Surveillance Unit
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SPECIAL NOTE

The information in this report represents a factual summary of data reported to the Poliomyelitis Surveillance Unit from State Health Departments, Epidemic Intelligence Service Officers, participating laboratories, and other pertinent sources. Much of the material is preliminary in nature and is subject to change. The distribution of this report is strictly limited to federal and state officials, to directors of participating laboratories and to other official or non-official persons having responsibility for the control of poliomyelitis in the nation. It is understood that this report will not be quoted in public nor will its contents be released to the press or to unauthorized persons. Any release of this information will be made by the Office of the Surgeon General, U. S. Public Health Service. State Health Officers, of course, are free to reveal any information they may wish concerning data from their state.

All readers should be cautioned regarding the limitations of data presented herein. Current and cumulative data are given concerning reported cases of poliomyelitis in vaccinated persons and among their familial and community contacts. It should be recognized that these data do not constitute a controlled evaluation of poliomyelitis vaccine. For this reason, interpretations and conclusions based on material in these reports must be guarded.

Table of Contents

I. Current Poliomyelitis Morbidity Trends

Poliomyelitis incidence by week for the current year, with similar data for the three preceding years, is presented in the accompanying figure, drawn from data published by the National Office of Vital Statistics. Incidence rose again this week, but it remains somewhat lower than during the same period in 1952, 1953 and 1954.

Poliomyelitis incidence by states for the weeks ending July 2 through August 6 is presented in Table 1, together with a 6-week total for this and the previous three years. The rise in national incidence for the current week is due primarily to increases in cases reported from most of the northeastern states, particularly Massachusetts, as well as in Michigan, Wisconsin, Iowa, South Dakota, Nebraska, South Carolina, Georgia, Kentucky, and Idaho.

Dr. Roy Feemster, Massachusetts State Department of Health, reports a total of 1106 cases through August 11 in Massachusetts (provisional figure, which does not correspond to incidence reported to NOVS). In the early weeks of the Massachusetts epidemic, approximately two-thirds of the cases were reported from Boston. There has been a gradual movement of the epidemic focus from Boston to the whole eastern half of the State, with approximately two-thirds of cases now reported from outside of Boston. An Epidemic Intelligence Service statistician has been assigned on temporary duty to the State Health Department.

Dr. John S. Wheeler, New Hampshire State Health Department, reports a localized outbreak of poliomyelitis in a central New Hampshire community, with 11 cases occurring in the last three weeks. These are confined to a group of 2500 year-round residents, while 10,000 summer visitors have as yet remained free of the disease. An Epidemic Intelligence Service Officer assigned on temporary duty to this area.

Dr. Milton Feig, Wisconsin State Department of Health, reports an outbreak of poliomyelitis in Outagamie and Winnebago Counties. In the last three weeks, approximately 130 cases have been reported from Outagamie County, population 82,000; and about 35 cases in the urban Neenah-Menasha area (Winnebago County), population 25,000. An Epidemic Intelligence Service Officer has been assigned to the State for temporary polio duty.

II. Routine Poliomyelitis Surveillance

Age Distribution Analysis. Twenty states have notified PSU that they will participate in The Age Distribution Analysis. These states have been sent Age Distribution Analysis Forms and a listing of the cases reported to PSU prior to July 1 for correction and revision. A listing of the participating states will be given in the next PSU Report.

Table 2 summarizes poliomyelitis cases in vaccinated individuals accepted by PSU through August 10, 1955. The tabular summary lists in detail the cases accepted since August 3 and revisions of previously listed cases. An error in Table 2 in the last report has been noted and corrected. Under the section "Cases Vaccinated 5-7 or Before with Onsets 31 days or More after Vaccination", the new cases 7-30 through 8-3 that received Parke-Davis vaccine were listed as 15 paralytic and 3 non-paralytic; they should have been listed as 3 paralytic and 15 non-paralytic, giving corrected totals through 8-3 of 5 paralytic and 20 non-paralytic cases.

Table 3 presents a comparison of "reported" and "expected" cases among children who received first inoculations in NFIP clinics through May 7. Totals are listed for the six week period April 17 to May 28, the four week period May 29 to June 25, and for single weeks ending July 2 through August 13. The "expected" numbers represent rough estimates of cases that would have occurred in the respective groups of first and second grade children if they had not been vaccinated anf if this year's poliomyelitis incidence approximated the median of the last five years.

However, this year's weekly polio incidence is now running well below the five year median; hence, the comparisons in Table 3 are not strictly valid. In order to provide a better basis for interpreting the reported and expected figures in Table 3, an attachment is provided to this report which gives not only the expected figures based on five-year median incidence, but also figures based on low and high years' incidence and on this year's incidence. In future "expected-reported" comparisons, the expected figures based on this year's incidence will be used.

The figures in the attachment were calculated as follows: Expected numbers of cases among this group of children based on incidence in each of the past five years, 1950 to 1954, were computed and the low, median, and high figures for each week and manufacturer selected; expected numbers of cases for the total group, irrespective of vaccine manufacturer, were also computed for each of these years and again the low, median, and high figures for each week were selected. The expected numbers of cases based on incidence in 1955 are computed by (1) taking the total cases reported to NOVS each week in each of the states receiving the vaccine under consideration, (2) taking 10% of this total as an estimate of the number of these cases that would have occurred in 1st and 2nd graders if some of them had not been vaccinated, (3) adjusting this number to account for the percent of eligible 1st and 2nd graders in each state that actually had been inoculated prior to the week under consideration, as reported to PSU by the NFIP, and (4) predating the figures one week in an attempt to adjust date of report to NOVS to date of onset of symptoms. Hence, expected numbers based on this year's incidence are given in the attached table only through the week ending July 30; figures for that week are based on incidence reported to NOVS for the week ending August 6. Figures for the successive weeks will be provided in future reports. Although figures in the attached tables are given to one decimal place, this should not be interpreted as indication of their reliability--they are given this way only so that figures from several weeks can be added together without gross rounding errors.

It should be remembered in any "expected-reported" comparison that expected cases are based on preliminary figures reported to NOVS while reported cases are confirmed cases reported to and accepted by PSU.

The usefulness of this table depends heavily on the ability of the states in investigating all cases in 5-9 year olds to determine if they were vaccinated prior to May 7 and in their reporting these cases to PSU, as requested in the "Proposals for Modifying the National Poliomyelitis Surveillance Program", an attachment to PSU Report No. 35.

III. Polio-like Diseases

Dr. Ralph Heeren, Iowa State Department of Health, reports an outbreak of a polio-like illness beginning about July 10 in central Iowa. Thirteen cases have been hospitalized in Marshalltown, Iowa, and an estimated 250 others have occurred in the area. Typical cases are characterized by fever of 101° to 102°, severe headache, stiff neck and back, occasional

vomiting, conjunctivitis and sore throat. The average spinal fluid count is 200, with some counts up to 1600 cells, and an increase in protein. No paralysis or mental symptoms have been noted. Average duration of illness is two to four days, with maximum of 10 days. A team of field investigators has been assigned by Dr. M. L. Furcolow from the CDC, Kansas City Field Station.

California State Department of Health, in a bulletin dated August 3, notes that no laboratory confirmed cases of arthropod-borne encephalitis have been reported in the State this year. Cases of encephalitis in California are broken down as follows:

Acute Encephalitis by Etiology, January 1 through July 30

	Total	Etiology Undetermined	Measles	Mumps	Chickenpox	Other*
1955	200	61	63	65	8	3
1954	292	59	56	150	22	5

* Other types include encephalitis following vaccination, herpes, German measles, influenza, pneumonia, and otitis media.

Western equine encephalitis virus has been isolated in a total of eight instances from mosquito pools collected from Fresno, Kern, San Joaquin, and Sutter-Yuba Counties during July. Tests on mosquito pools may be summarized as follows:

Mosquito Virus Isolation Tests, May 7 Through July 30

	No. Pools Tested	No. Pools Positive WEE*	SLE*	No. Pools Negative	No. Pools in Progress
1955	498	8	0	292	198
1954	485	111	25	314	0

* WEE - Western Equine Encephalitis
SLE - St. Louis Encephalitis

(This summary was prepared by Dr. Neal Nathanson, Dr. Wm. Jackson Hall, and Dr. Alexander D. Langmuir, with assistance from the Statistics Section, CDC.)

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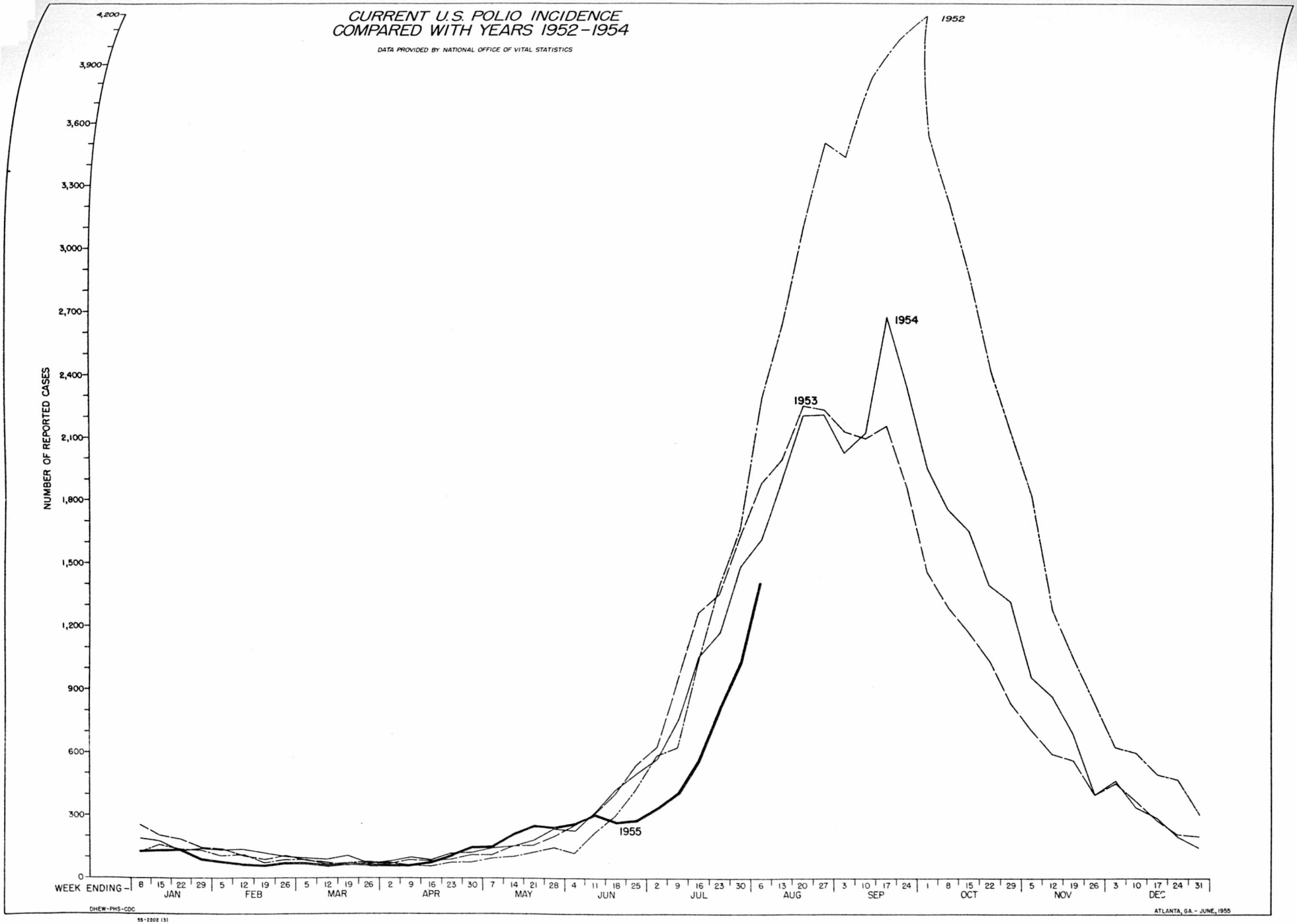
CURRENT U.S. POLIO INCIDENCE
COMPARED WITH YEARS 1952 – 1954
DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS
NUMBER OF REPORTED CASES
4,200
3,900
3,600
3,300
3,000
2,700
2,400
2,100
1,800
1,500
1,200
900
600
300
0
1952
1954
1953
1955
WEEK ENDING –
8 15 22 29 5 12 19 26 5 12 19 26 2 9 16 23 30 7 14 21 28 4 11 18 25 2 9 16 23 30 6 13 20 27 3 10 17 24 1 8 15 22 29 5 12 19 26 3 10 17 24 31
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
DHEW-PHS-CDC
55-2202 (3)
ATLANTA, GA. – JUNE, 1955

Table 1

TREND OF 1955 POLIOMYELITIS INCIDENCE

State	Cases Reported to NOVS* During Week Ending: 7/2	7/9	7/16	7/23	7/30	8/6	6 Week total	Comparable Totals in: 1954	1953	1952
United States	333	406	565	812	1037	1409	4562	6646	7701	7599
North East										
Maine	-	1	1	5	2	11	20	12	51	14
New Hampshire	-	-	-	9	16	16	41	5	34	5
Vermont	-	3	-	1	4	2	10	4	14	6
Massachusetts	1	24	52	146	204	309	736	55	90	39
Rhode Island	-	-	5	4	8	19	36	8	25	3
Connecticut	5	5	5	20	29	38	102	71	81	43
New York	25	25	43	42	65	102	302	230	546	304
New Jersey	5	3	16	12	11	21	68	106	152	79
Pennsylvania	10	7	10	12	27	30	96	110	171	105
North Central										
Ohio	22	14	21	35	38	42	172	307	483	484
Indiana	4	6	7	16	22	29	84	114	146	110
Illinois	10	5	29	19	54	68	185	286	442	299
Michigan	9	18	31	36	50	78	222	348	464	339
Wisconsin	9	6	14	40	56	105	230	51	91	144
Minnesota	2	13	2	15	24	28	84	107	427	201
Iowa	10	11	14	24	27	45	131	307	134	561
Missouri	4	4	10	10	6	9	43	108	220	80
North Dakota	3	3	4	1	3	2	16	23	30	10
South Dakota	-	3	-	-	1	8	12	14	39	55
Nebraska	3	3	8	16	19	28	77	150	81	276
Kansas	2	3	8	6	12	19	50	170	122	199
South										
Delaware	1	3	-	1	2	7	14	13	7	11
Maryland	3	7	2	5	9	8	34	22	131	14
D. of Columbia	1	1	2	5	-	5	14	11	21	15
Virginia	8	7	8	18	21	25	87	111	247	101
West Virginia	3	2	1	4	4	6	20	29	142	140
North Carolina	8	9	20	10	22	23	92	168	427	72
South Carolina	6	12	15	14	8	21	76	97	58	8
Georgia	5	6	6	6	5	15	43	179	152	105
Florida	10	3	10	7	11	12	53	311	119	120
Kentucky	3	5	10	13	17	38	86	165	118	240
Tennessee	3	10	9	7	13	6	48	153	273	108
Alabama	8	9	3	8	8	4	40	98	145	88
Mississippi	9	-	15	7	8	10	49	170	115	219
Arkansas	5	5	11	6	11	9	47	94	93	71
Louisiana	17	8	3	20	9	14	71	154	152	288
Oklahoma	4	12	8	19	27	21	91	193	189	265
Texas	43	76	83	89	71	78	440	822	515	1466

Table 1 (Continued)

State	Cases Reported to NOVS* During Week Ending: 7/2	7/9	7/16	7/23	7/30	8/6	6 Week Total	Comparable Totals in: 1954	1953	1952
West										
Montana	2	1	-	-	1	4	8	14	32	35
Idaho	8	7	6	7	7	16	51	12	9	35
Wyoming	1	-	-	3	3	-	7	61	17	15
Colorado	6	2	2	9	9	9	37	65	48	88
New Mexico	10	8	4	7	4	6	39	27	30	115
Arizona	6	-	3	1	2	4	16	60	94	44
Utah	2	-	1	-	-	1	4	25	42	11
Nevada	6	4	2	4	1	2	19	31	16	6
Washington	3	5	7	5	12	13	45	52	62	155
Oregon	3	4	5	9	17	10	48	47	35	60
California	25	43	49	59	57	33	266	876	569	348

*National Office of Vital Statistics

Table 2

Poliomyelitis Cases in Vaccinated Individuals
(PSU Accepted Cases through August 10, 1955)

	Vaccine Manufacturer* and Paralytic Status**									
	C		L		PD		PM		W	
	P	NP	P	NP	P	NP	P	NP	P	NP
CASES VACCINATED 5-7 OR BEFORE WITH ONSETS 30 DAYS OR LESS AFTER VACCINATION										
Totals through 8-10	62	12	17	23	2	2	3	2	9	3
(No New Cases 8-3 through 8-10)	74		40		4		5		12	
CASES VACCINATED 5-7 OR BEFORE WITH ONSETS 31 DAYS OR MORE AFTER VACCINATION										
Totals through 8-3 (Corrected)	3	1	16	40	5	20	3	1	3	0
New Cases 8-3 through 8-10	0	0	2	5	0	0	2	3	0	0
Totals through 8-10	3	1	18	45	5	20	5	4	3	0
	4		63		25		9		3	
CASES VACCINATED 5-8 OR LATER WITH ONSETS 30 DAYS OR LESS AFTER VACCINATION										
Totals through 8-3			4	8	14	9	1	0	0	0
New Cases 8-3 through 8-10			1	2	1	0	0	0	0	1
Totals through 8-10	0	0	5	10	15	9	1	0	0	1
	0		15		24		1		1	
CASES VACCINATED 5-8 OR LATER WITH ONSETS 31 DAYS OR MORE AFTER VACCINATION										
Totals through 8-3 (Revised)			0	2	7	4				
New Cases 8-3 through 8-10			0	1	3	3				
Totals through 8-10	0	0	0	3	10	7	0	0	0	0
	0		3		17		0		0	

*Vaccine Manufacturers: C - Cutter; L - Lilly; PD - Parke-Davis; PM - Pitman-Moore; W - Wyeth
**Paralytic Status; P - paralytic; NP - Non-paralytic

Table 3

Comparison of Expected* and Reported** Cases of Poliomyelitis
Among Children Inoculated in NFIP Clinics from April 15 to May 7, 1955

Vaccine Mfr.*** and Number Vaccinated****	Cases	6 Weeks Apr. 17 -May 28	4 Weeks May 29- June 25	July 2	July 9	July 16	July 23	July 30	Aug. 6	Aug. 13
CUTTER 303,000	Reported P	32				1				
	NP	8	2							
	Total	40	2	-	-	1	-	-	-	-
	Expected Total	5	8	3	4	4	6	8	9	8
LILLY 2,514,000	Reported P	18	10	2	2	1	1	2		
	NP	33	14	1	9	12	3	1	2	
	Total	51	24	3	11	13	4	3	2	-
	Expected Total	28	69	29	39	37	43	47	48	49
PARKE-DAVIS 860,000	Reported P	2	2				2	1		
	NP	3	2		1	6	8	3		
	Total	5	4	-	1	6	10	4	-	-
	Expected Total	3	8	3	10	15	19	22	26	32
PITMAN-MOORE 411,000	Reported P	2	4				1	1		
	NP	2	1					4		
	Total	4	5	-	-	-	1	5	-	-
	Expected Total	1	5	3	6	6	9	8	9	11
WYETH 775,000	Reported P	9	1		2					
	NP	3								
	Total	12	1	-	2	-	-	-	-	-
	Expected Total	1	3	3	3	4	7	10	12	16

*Expected Cases estimated from weekly 5-year medians of cases of poliomyelitis (paralytic and non-paralytic) reported to National Office of Vital Statistics by the States.

**Reported Cases include only cases accepted by PSU through August 10 and vaccinated in NFIP Clinics April 16 through May 7, 1955.

***CUTTER vaccine was used in Idaho, Nevada, Arizona, New Mexico, and southern California. LILLY vaccine was used in Texas, Oklahoma, Louisiana, Arkansas, Mississippi, Alabama, Tennessee, Florida, Georgia, South Carolina, North Carolina, Virginia, West Virginia, Indiana, and parts of Ohio, California, and Colorado. PARKE-DAVIS vaccine was used in Michigan, Illinois, Iowa, Wyoming, Utah, and part of Colorado. PITMAN-MOORE vaccine was used in Kentukcy, Missouri, Kansas, and Nebraska. WYETH vaccine was used in Pennsylvania, Delaware, Maryland, District of Columbia, and part of Ohio.

****Data from the NFIP.

POLIOMYELITIS AMONG VACCINATED INDIVIDUALS
(PSU Accepted Cases August 4 - August 10, 1955)

PSU CASE NO.	County	Initials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para	Site Inoc.	Site 1st Para.	Mfr.	Lot No.	Remarks
						NEW						
Ga-6	Fulton	RG	6	M	4-20	7-19	None	LA	None	L	7079-649341 or 5081-649340	Spinal fluid, 25 cells.
					6-23			LA		L	7079-649341 or 5206-649347	
Ky-2	Jefferson	JB	8	?	4-28	7-30	None	?	None	PM	175A028	Spinal fluid, 440 cells.
					7-26			?		W	23904	
Tenn-8	Lawrence	MMcM	7	F	4-19	6-21	?	Arm	RL	L	5206-649347	
					6-16			"		"	"	
Tenn-9	Shelby	PKW	7	M	4-26	7-17	None	Triceps	None	L	7079-649341	Spinal fluid, 126 cells.
Tenn-10	Shelby	DRF	7	M	4-25	7-10	None	Triceps	None	L	7079-649341	Spinal fluid, 8 cells.
TA-1	Fairbank, Alaska	DC	8	M	5-17	7-26	None	LA	None	PD	028848A	Spinal fluid, 148 cells.
Colo-3	Garfield	JD	7	M	4-27	8-2	None	?	None	L	8123-649335 or 8124-649336	No cells in Spinal fluid,
					5-27			?		L	"	but confirmed.
											"	
Neb-5	Dakota	WWZ	6	M	5-?	7-23	7-23	Arm	LL	PM	?	
Neb-6	Colfax	SW	14mo.	M	5-?	7-28	None	LA	None	PM	175-B-006 175-B-007?	Spinal fluid, 7 cells.
Neb-7	Perkins	SL	7	F	5-?	7-27	7-27	?	Legs	PM	175-B-006 175-B-007?	
Neb-8	Colfax	KW	4	F	5-?	7-28	None	LA	None	PM	175-B-006 175-B-007?	Spinal fluid, negative, but case confirmed; weakness in all extremities.

PSU CASE NO.	County	Initials	Age	Sex	Date Inoc	Date 1st Symp.	Date 1st Para	Site Inoc.	Site 1st Para	Mfr.	Lot No.	Remarks
						NEW (Continued)						
Neb-9	Colfax	DW	3	M	5-?	7-26	None	LA	None	PM	175-B-006 175-B-007?	Weakness in trunk and Legs.
NH-2	Carroll	RM	8	M	5-?	7-14	None	LA	None	PD	029126A	Spinal fluid, 954 cells.
Wisc-6	Dane	IWM	8	M	5-18	7-17	None	LA	None	PD	1991	Spinal fluid,
					6-8			LA		PD	1991	23 cells.
Wisc-7	Shawano	JAS	7	M	5-24	7-29	7-29	LA	Bulbar	PD	029127A	
					6-17			LA		PD	029127A	
Wisc-8	Weyauwega	JB	8	M	5-15	7-31	8-4	LA	Bulbar	PD	029127A	
Wisc-9	Dane	CJW	6	F	6-1	7-14	7-19	Arm	Bulbar	PD	1991	
					6-15			Arm		PD	1991	
NY-26	New York	GF	8	M	5-20	7-30	8-1	?	Spinal	PD	029128C	
Mont-1	Yellowstone	RP	8	M	6-14	8-5	None	LA	None	L	5205-649348	Spinal fluid,
					7-12			LA		L	"	238 cells.
Va-14	Wise	PJB	10	F	4-28	7-28	8-1	?	Bulbar	L	7078-649343	
Va-15	Eliz. City	SL	8	F	4-19	7-22	8-3	?	Legs	L	8122-649334	
Va-16	Middlesex	WHC	7	M	April	8-2	None	?	None	L	8122-649334	Spinal fluid, 78 cells.
Tex-41	Dallas	GH	7	M	April	7-21	None	?	None	L	7078-649343	Spinal fluid,
					May			?		L	"	30 cells.
Tex-42	Harris	LB	8	F	4-19	7-11	None	Arm	None	L	"	Spinal fluid, 18 cells.
						REVISIONS (Revised Items Underlined)						
Minn-1	Wright	PO	6	F	5-23	6-19	None	LA	None	PD	029126A	Spinal fluid, 3 cells.
Minn-2	Carver	MN	7	F	5-23	6-29	7-4	?	Bulbar	PD	029126A	
NY-22	-----dropped---Same as NY-25.											
Wisc-2	Lincoln	LJS	8	M	5-20 6-22	6-26	6-27	Arm Arm	Bulbar	PD PD	029127A "	
Wisc-4	Kenosha	JMS	9	M	5-26 6-23	7-23	7-23	IA IA	Bulbar	PD	029127A	

PSU CASE NO.	County	Initials	Age	Sex	Date Inoc.	Date 1st Symp.	Date 1st Para	Site Inoc.	Site 1st Para	Mfr.	Lot No.	Remarks
					Revisions (Continued)							
Va-10	Henrico	WK	8	M	4-27	7-21	None	IA	None	L	8122-649334	Spinal fluid, 241 cells.
Va-13	Roanoke	BF	8	F	4-26	7-24	None	IA	None	L	7078-649343	Spinal fluid, negative, but case confirmed, 2 siblings also non-paralytic cases.

"Expected Cases" of Poliomyelitis
Among Children Inoculated in NFIP Clinics from April 15 to May 7, 1955,
Based on Low, Median, and High Incidence in the Past Five Years
and Incidence in 1955

Vaccine Mfr.** and Total No. Inoculated***	Based on Incidence* in	Expected Numbers of Cases in 1955 with Onsets in Week Ending: April 23	April 30	May 7	May 14	May 21	May 28	June 4	June 11	June 18	June 25
CUTTER 303,000	Low Year	0.2	0.3	0.4	0.5	0.8	0.9	0.9	1.0	1.7	1.2
	Median Year	0.2	0.6	1.2	1.0	1.3	1.1	1.3	1.8	2.5	2.0
	High Year	0.4	1.3	1.3	1.5	1.8	1.8	2.4	4.2	2.7	3.4
	1955	0.6	1.5	2.8	3.1	2.8	2.1	2.9	1.4	2.3	3.2
LILLY 2,514,000	Low Year	0.8	1.5	2.5	3.1	3.2	5.0	8.1	7.5	8.7	13.6
	Median Year	1.1	3.5	4.6	5.8	6.2	7.1	11.4	15.6	20.2	22.3
	High Year	1.6	5.1	7.0	8.7	11.3	11.9	14.6	18.1	23.1	29.4
	1955	1.2	2.9	5.7	8.7	7.0	9.5	10.1	11.6	9.6	11.4
PARKE-DAVIS 860,000	Low Year	0.0	0.1	0.2	0.4	0.7	0.5	0.3	0.7	1.3	1.8
	Median Year	0.1	0.1	0.4	0.5	0.8	0.6	1.4	1.0	2.3	3.5
	High Year	0.1	0.2	0.6	0.9	1.1	1.6	1.6	2.8	3.2	5.5
	1955	0.8	0.5	1.5	1.6	1.8	1.1	2.1	2.1	2.5	2.9
PITMAN-MOORE 411,000	Low Year	0	0.0	0.1	0.1	0.3	0.0	0.3	0.3	0.7	0.8
	Median Year	0	0.1	0.3	0.3	0.4	0.3	1.1	1.3	1.1	2.0
	High Year	0	0.3	0.8	0.6	0.8	1.1	1.8	3.2	2.8	3.2
	1955	0	0.4	0.6	0.6	0.9	1.1	0.8	0.5	1.0	0.9
WYETH 775,000	Low Year	0	0.0	0.0	0.2	0.0	0.1	0.2	0.3	0.3	0.8
	Median Year	0	0.1	0.1	0.4	0.2	0.3	0.5	0.5	0.9	1.6
	High Year	0	0.1	0.4	0.4	0.7	0.6	1.4	1.3	2.4	2.2
	1955	0.1	0.2	1.0	1.4	1.7	1.7	2.3	1.3	1.7	2.4
TOTAL 4,863,000	Low Year	1	2	3	5	5	7	11	10	13	20
	Median Year	1	4	6	8	9	9	14	19	27	36
	High Year	2	7	9	12	16	16	21	27	33	38
	1955	3	6	12	15	14	15	18	17	17	21

Footnotes on back.

Vaccine Mfr.** and Total No. Inoculated***	Based on Incidence* in	Expected Numbers of Cases in 1955 with Onsets in Week Ending: July 2	July 9	July 16	July 23	July 30	Aug. 6	Aug. 13	Aug. 20	Aug. 27	Sept. 3
CUTTER 303,000	Low Year	1.5	1.7	2.5	2.9	3.6	3.9	2.7	4.0	4.1	4.3
	Median Year	3.1	4.1	4.4	6.1	7.8	9.4	8.1	8.7	9.1	7.2
	High Year	4.0	6.4	7.3	8.9	10.2	10.4	14.4	14.5	12.8	10.5
	1955	3.0	2.9	3.6	3.1	3.4					
LILLY 2,514,000	Low Year	17.4	24.5	28.2	32.5	40.0	43.2	41.5	40.2	32.7	39.6
	Median Year	28.7	38.7	37.5	43.2	46.7	47.9	48.7	44.0	40.6	48.7
	High Year	36.9	47.3	48.7	54.5	59.0	57.1	62.6	63.9	55.3	70.6
	1955	13.9	16.7	20.2	21.1	23.4					
PARKE-DAVIS 860,000	Low Year	3.3	6.3	9.2	11.9	13.8	16.9	19.6	21.6	23.9	19.7
	Median Year	3.5	10.0	14.9	18.8	21.9	25.9	31.6	33.0	30.0	24.7
	High Year	8.7	12.4	15.7	21.5	44.0	51.1	53.4	66.5	68.7	66.5
	1955	3.1	6.4	7.1	10.9	15.4					
PITMAN-MOORE 411,000	Low Year	1.4	2.2	2.2	3.4	6.3	6.9	6.7	7.1	6.0	7.7
	Median Year	3.4	6.0	6.3	8.8	8.3	8.7	11.0	13.0	10.6	12.2
	High Year	5.4	7.8	13.2	13.9	21.5	25.0	29.5	35.8	28.9	48.0
	1955	1.1	2.6	3.4	4.1	7.0					
WYETH 775,000	Low Year	1.3	2.7	1.6	3.9	5.3	6.8	9.5	9.9	10.2	14.3
	Median Year	2.8	3.5	4.0	6.6	10.1	11.7	15.6	15.9	17.4	17.3
	High Year	5.5	9.2	9.0	12.8	13.9	17.9	21.0	21.7	20.5	22.1
	1955	2.2	2.3	3.8	5.1	6.3					
TOTAL 4,863,000	Low Year	26	39	46	58	72	80	85	89	83	89
	Median Year	42	69	72	91	103	108	120	113	104	107
	High Year	59	75	87	108	144	159	175	198	186	218
	1955	23	31	38	44	56					

* As reported to the National Office of Vital Statistics.

** CUTTER vaccine was used in Idaho, Nevada, Arizona, New Mexico, and southern California. LILLY vaccine was used in Texas, Oklahoma, Louisiana, Arkansas, Mississippi, Alabama, Tennessee, Florida, Georgia, South Carolina, North Carolina, Virginia, West Virginia, Indiana, and parts of Ohio, California and Colorado. PARKE-DAVIS vaccine was used in Michigan, Illinois, Iowa, Wyoming, Utah and part of Colorado. PITMAN-MOORE vaccine was used in Kentucky, Missouri, Kansas and Nebraska. WYETH vaccine was used in Pennsylvania, Delaware, Maryland, District of Columbia and part of Ohio.

*** Data from the National Foundation for Infantile Paralysis.